GUI Workshop III

SQL SERVER MONITORING

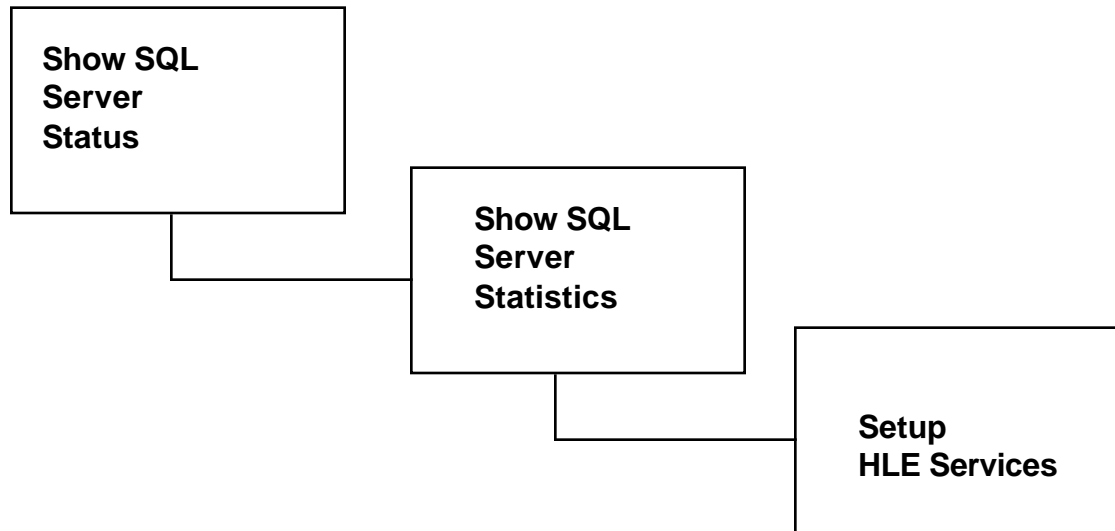**Dave Kelley and Eddy Cheung**

OVERVIEW
Summary and Context

Summary:

Using the Enterprise SQL Server Management (ESSM) we will briefly show some of the functionality associated with ESSM. Including general statistics about the SQL Server and the setting up of a High Level Event Service. The purpose of this script is to show the integration of a third party application with Tivoli. To show that you can monitor your SQL servers with the same GUIs that you use to monitor your system resources.

- ## Context
    - Within ESSM show the SQL Server Status
    - Show some of the ESSM Statistics
    - Show and schedule a High Level Event Service

Process Flow

Show SQL Server Status

Show SQL Server Statistics

Setup HLE Services

Preconditions:

The Tivoli Management Environment has been previously configured to monitor some of the events that will be shown.

Tivoli is up and running on the console.

At least one SQL Server is being monitored.

Steps:

Step No.	Time	Player	Activity	GUI
1	1000	Fault Manager	Select the ESSM Policy Region Icon from the Administrators Desktop	TME Desktop for Administrator dkelley
2	1002	Fault Manager	Select the Slimer_srvr Icon to monitor/manage the SQL server information.	ESSM Policy Region Window

3	1005	Fault Manager	From the "Server" pull down menu the Fault Manager selects the "Status…" option.	SQL Server Window
4	1006	Fault Manager	The Fault Manager views the status of the SQL Server. Can also Start, Stop, or Refresh the SQL Server from this Window.	SQL Server Status Window
5	1007	Fault Manager	From the "Server" pull down menu the Fault Manager selects the "Statistics…" option	SQL Server Window
6	1008	Fault Manager	The Fault Manager views the SQL Server Statistics.	SQL Server Statistics Window
7	1010	Fault Manager	The Fault Manager closes the windows and returns to the TME Desktop	TME Desktop for Administrator dkelley
8	1012	Fault Manager	The Fault Manager double clicks on the ESSM Policy Region Icon	TME Desktop for Administrator dkelley
9	1015	Fault Manager	Double click on the HLE_srvr icon to open the High Level Event Services Profile Manager window	ESSM Policy Region
10	1017	Fault Manager	Double click on the HLE_prof to open the Sentry Profile Properties window that is associated with the HLE Services.	Profile Manager

11	1020	Fault Manager	From this window you can view the HLE's that are being monitored for the SQL servers.	Sentry Profile Properties
12	1024	Fault Manager	The Fault Manager clicks on the "Add Monitor…" Button (Since we already used this functionality above, this is just to show that the ESSM uses the Tivoli Sentry to monitor its events and that they are setup the same way.)	Add Monitor to Tivoli/Sentry Profile
13	1026	Fault Manager	For the percent of the CPU Busy event open the Edit Monitor button and modify the schedule that the event will be recorded.	Edit Sentry Monitor
14	1028	Fault Manager	Select the "Set Monitoring Schedule" button to set the schedule in which the event will be monitored and select the Change & Close Button.	Set Monitoring Schedule
15	1030	Fault Manager	Select the "Change & Close" button.	Edit Sentry Monitor
16	1035	Fault Manager	From the "Profile" pull down menu select save and then from the same pull down menu select distribute.	Sentry Profile Properties

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	1038	Fault Manager	Set the appropriate options and select the Subscribers on which to distribute and select the "Distribute & Close" button.	Distribute Profile
18	1042	Fault Manager	The Fault Manager Closes all of the open windows until he returns to the TME Administrators Desktop Window	TME Desktop for Administrator dkelley